

IN THE ABSTRACT OF THE DISCLOSURE:

Please replace the original abstract with the following new abstract:

--ABSTRACT

A rotating electric machine exhibits a substantially level axial temperature rise distribution by supplying a coolant which is sufficiently cooled to a central portion of an iron core which is most distant from each of the axial ends of the iron core. A plurality of ventilating passages, which continuously extend in the peripheral direction, are provided in the axial direction between a stator frame and a stator iron core, and coolers are provided in the ventilating passages. A coolant boosted by a booster is cooled by the coolers and is allowed to flow to a central portion of the stator iron core in the direction from the outer peripheral side to the inner peripheral side of the stator iron core via ventilating passages which communicate with the central portion of the stator iron core.--